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NAME: Examiner Armando Rodriguez **FAX NO.:** (703) 872-9318
 Group Art Unit 2828

LOCATION: U.S. Patent and Trademark Office

FROM: Guy K. Clinger, Esq. - KLAAS, LAW, O'MEARA & MALKIN, P.C.

RE: U.S. Patent Application Serial No. 09/493,432
 Our Ref.: HP-776

TOTAL NO. OF PAGES (Including Transmittal Sheet) -9-

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COMMENTS: Please find attached the following documents: Transmittal Letter for Response/Amendment (in duplicate) and Response (6 pages).

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PATENT APPLICATION

ATTORNEY DOCKET NO. 10991553-1

IN THE
 UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Kevin L. Miller et al.

Confirmation No.: 2230

Application No.: 09/493,432

Examiner: Armando Rodriguez

Filing Date: Jan. 29, 2000

Group Art Unit: 2828

Title: APPARATUS AND METHOD FOR ANALYSIS AND CONTROL OF TIMING OF TRAIN OF HIGH SPEED, HIGH POWER LASER PULSES

Commissioner for Patents
 PO Box 1450
 Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

(X) Response/Amendment () Petition to extend time to respond
 () New fee as calculated below () Supplemental Declaration
 (X) No additional fee (Address envelope to "Mail Stop Non-Fee Amendment")
 () Other: _____ (fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	15	MINUS	20	= 0	X \$18	\$ 0
INDEP. CLAIMS	2	MINUS	3	= 0	X \$86	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
					OTHER FEES	\$
						\$ 0
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Kevin L. Miller et al.

By Guy K. Clinger

Guy K. Clinger, Esq.

Attorney/Agent for Applicant(s)
 Reg. No. 42,422

Date: Jan. 6, 2004

(X) I hereby certify that this paper is being transmitted
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Typed Name: Angela Troussel

Signature: Angela Troussel

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:)
5 MILLER, Kevin L. et al.)
Serial No. 09/493,432) Examiner: RODRIGUEZ, Armando
Filing Date: January 29, 2000) Group Art Unit: 2828
10 For: Apparatus and Method for)
Analysis and Control of)
Timing of a Train of)
High Speed, High Power)
LASER Pulses)

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15 RESPONSE

To: Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

20 Sir:
In response to the Office Action of October 9, 2003,
Applicants traverse the rejections for the reasons set forth
below and respectfully request reconsideration.